Please cancel claims 2-20.

Please amend the claims as follows:

1.     A system for accessing[n apparatus for remotely controlling] a computer over a TCP/IP protocol network comprising:

at least one host computer connected to a TCP/IP protocol network, said host computer being capable of being remotely controlled by a client computer;

an advertising publisher[ client] computer connected[coupled] to said network which receives advertising information about at least the availability and a capacity of a plurality of host computers[, said client computer having a monitor, a keyboard, and a pointing device, said client computer running a browser program displaying a browser window on said monitor and further being capable of running a client program means in conjunction with said browser program that is delivered over] on said network; and

a client[host] computer connected[coupled] to said network operable to receive said advertising information about[and being accessible by said client computer using said browser program,] said at least one host computer from said publisher computer.[running a program means that is responsive to inputs of said client computer as transmitted to said] and remote control information enabling said client computer to control a selected host computer over said network[ from said client computer, said host program means transmitting image updates to said client computer over said network to affect an image displayed in said browser window of said client computer].

Please add the following new claims:

21.     An apparatus for remotely controlling a computer as recited in 1 wherein said network is the Internet.

22.     A system for accessing a computer over a TCP/IP protocol network as claimed in 1 wherein said advertising publisher computer is operative to make advertising information about said at least one host computer accessible to said client computer.

23.    A system for accessing a computer over a TCP/IP protocol network as claimed in claim 22 wherein said advertising publisher computer creates a list of available host computers.

24.    A system for accessing a computer over a TCP/IP protocol network as claimed in claim 23 wherein said advertising publisher computer provides said advertising information of said at least one host computer on a browsing web page, where a client computer may browse through said advertising information on said browsing web page and select a suitable host computer.

25.    A system for accessing a computer over a TCP/IP protocol network as claimed in claim 23 wherein said advertising information may be received by said advertisement publisher computer through a posting web page.

26.    A system for accessing a computer over a TCP/IP protocol network as claimed in claim 23 wherein said advertising information for said at least one host computer includes information about the poster of said host computer, password information for said host computer, and collaboration information for said host computer.

27.    A system for accessing a computer over a TCP/IP protocol network as claimed in claim 1 wherein said at least one host computer provides said advertising publisher computer with said advertising information.

28.    An apparatus for remotely controlling a computer as recited in claim 27 wherein said at least one advertiser computer provides a first web page having only HTML code to said advertising publisher and a second web page having HTML code and JAVA code to said advertising publisher computer, said first web page having a link to said second web page and said publisher computer operable to provide said first and second web page to said client computer.

29.    A system for accessing a computer over a TCP/IP protocol network as claimed in claim 27 wherein said advertising information is electronically mailed to said advertising publisher computer.

30.    A system for accessing a computer over a TCP/IP protocol network as recited in claim 27 wherein said advertising information is provided to said advertising publisher computer through said advertising publisher's web page.

31.    A system for accessing a computer over a TCP/IP protocol network as claimed in claim 27 wherein said advertising information includes information allowing said client computer to establish a connection with said host computer.

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32. A method for choosing a host machine coupled to a wide area network comprising:

providing advertisement information about a plurality of host computers to an advertisement machine, said advertisement information including availability information and compatability information about said plurality of host computers;

searching said advertiser machine by a client computer to find a suitable host computer for said client computer;

sending selection information from said client computer to said advertiser machine, and receiving of said client computer connection information from said advertiser machine for a selected host computer; and

establishing a connection between said client computer and said suitable host computer.

33. A method for choosing a host machine coupled to a wide area network as claimed in claim 32 wherein said advertisement information provided to said advertisement machine is provided by said host computer.

34. A method for choosing a host machine coupled to a wide area network as claimed in claim 32 wherein searching said advertiser machine for a suitable host computer includes selecting a host computer from a list of host computers provided by said advertising machine.

35. A method for choosing a host machine coupled to a wide area network as claimed in claim 32 wherein said connection information provided to said client computer includes a URL address.

36. A computer readable media having program instructions implementing the method of claim 32.

37. A method of providing an advertising machine capable of advertising available host machines over a wide area network comprising:
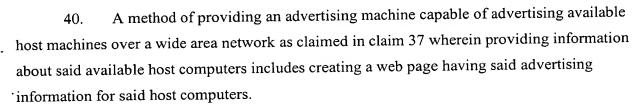
providing an advertising machine connected to a network;

providing a list of available host computers connected to said network on said advertising machine; and

servicing requests for said list of available host computers to client machines coupled to said network.

38.     A method of providing an advertising machine capable of advertising available host machines over a wide area network as claimed in claim 37 wherein said advertising information received by said advertising machine is provided by said host computers.

39.     A method of providing an advertising machine capable of advertising available host machines over a wide area network as claimed in claim 38 wherein said advertising information received by said advertising machine includes connection information for said host computer, said connection information allowing said host computer to be accessed over a TCP/IP protocol network.

40.     A method of providing an advertising machine capable of advertising available host machines over a wide area network as claimed in claim 37 wherein providing information about said available host computers includes creating a web page having said advertising information for said host computers.

41.     A computer readable media having program instructions implementing the method of claim 37.